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W461  
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SEVENTH ANNUAL REPORT

OF THE

Wellington College  
NATURAL SCIENCE SOCIETY.

1876.



“Τὰ γὰρ ἀόρατα αὐτοῦ ἀπὸ κτίσεως κόσμου τοῖς ποιήμασι  
νοούμενα καθορᾶται, ἥ τε ἀίδιος αὐτοῦ δύναμις καὶ Θεϊότης.”  
Ἐπιστολὴ πρὸς Ῥωμαίους, I. 20.

WISCONSIN ACADEMY  
OF  
SCIENCES, ARTS, AND LETTERS

WELLINGTON COLLEGE:  
GEORGE BISHOP.

1877.



SEVENTH ANNUAL REPORT  
OF THE  
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WELLINGTON COLLEGE:  
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## P R E F A C E .

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It will be seen that, owing to the state of the Society's funds, it was at one time proposed to discontinue the Annual Report. The energy of the present Secretary and Treasurer have placed the finances in a more satisfactory condition, but the Editing Committee do not even now feel justified in publishing more than the Botanical List, which is likely to be immediately useful, and a brief record of the Society's proceedings during the year 1876.

The attendance at the Meetings has been remarkably good. We may hence infer that the interest which the School takes in the Society is not less than it was, but the number of collectors has been so small, that collecting upon system must be acknowledged to have almost ceased during the past year. It is satisfactory to note that there has been of late a great revival in the Botanical Department ; it is probable indeed that few flowers have escaped notice for many days. There can be no doubt, that if a similar zeal should be shewn in other branches of Natural Science, the results will be a valuable contribution to the Natural History of the neighbourhood.

*March 31st, 1877.*





# R U L E S .

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1. That this Society be called the "WELLINGTON COLLEGE NATURAL SCIENCE SOCIETY.

\*2. That the Society consist of Honorary Members, Corresponding Members, Members, and Associates. The number of Members being limited to Fifteen.

8. That all Members of the School having attended three Meetings of the Society be eligible as Associates, and that Members be chosen from the Associates who are of at least one term's standing, and in the Upper School.

\*4. That the Society's Officers consist of a President, Vice-President, Secretary, and Treasurer, and of the Keepers of the Albums.

\*5. That the Officers, with the addition of Two Members, who shall be elected at the first Meeting of every term, do form a Committee of Management, and that in Meetings of the Committee, five be a quorum.

\*6. That the Secretary, Treasurer, and Album Keepers be elected annually at the last meeting of the Midsummer term. The President and Vice-President to be elected from Honorary Members, the others from Members or Associates.

\*7. That the President or Vice-President take the chair at all Meetings, but that the chairman have no vote except in cases of equality.

8. That the Secretary keep the Minutes of the Society's proceedings; a list of the existing Society, with the names and addresses, as far as possible, of all Honorary and Corresponding Members; and a list of all Benefactors of the Society; and that he produce the Minutes at the last Meeting in each term.

9. That the Treasurer look after the property of the Society, collect subscriptions, and pay debts; producing his accounts whenever called upon by the President to do so.

10. That the duty of the several Album Keepers be to receive all notices connected with their several sections; to take care of the collections; to enter all occurrences of interest in their Albums; and at the last Meeting in each term to produce their Albums for the inspection of the Society.

11. That in the absence of any Officer the Committee appoint a Deputy.

\*12. That Honorary Members and Corresponding Members have all the privileges of Members.

13. That Honorary Members pay an entrance fee of 10s., and a subscription of 1s. 6d. a term; or by payment of one guinea compound for future subscriptions.

14. That Members or Associates, on leaving the School, are entitled to become Corresponding Members. Other Old Wellingtonians are eligible for election as Corresponding Members. Corresponding Members pay in advance a subscription of 6s., and receive in return the Society's Report for four years from the date of subscription; or by payment of one guinea compound for future subscriptions. It shall also be in the power of the Committee to elect as Corresponding Members, without any subscriptions, persons who have lectured before the Society, and other Benefactors.

\*15. That Associates be proposed by a Member or Honorary Member or Associate, seconded by one of the Committee, and elected by the Members; their names, with those of the Proposer and Secunder, having previously been entered in the Candidate Book, to be kept by the President, and that Members be elected by the Committee.

16. That Members pay a subscription of 1s. 6d., and Associates of 1s. per term.

\*17. That Members may speak and vote at all Meetings of the Society; may read Papers, with the leave of the President; and receive a copy of the Society's Report.

\*18. That Associates may speak at all Meetings; may read Papers, with the leave of the President; and receive a copy of the Society's Report.

\*19. That the Members and Associates provide with tickets the visitors whom they introduce at any Meeting, and that no visitors, except those who accompany Honorary Members, be admitted to any Meeting of the Society without such ticket; but in special cases the Committee be empowered to issue extra tickets. N.B.—This rule is only to be enforced when the President thinks fit.

20. That the Sixth Form may attend all Public Meetings without tickets.

21. That any Member or Associate may be suspended or expelled from the Society by a vote of two-thirds of the Members present, if he, from any misdemeanour or want of energy, appear to deserve such suspension or expulsion.

22. That Meetings be ordinarily held once a fortnight, but that the Secretary be empowered to call Extraordinary Meetings when necessary.

23. That visitors may speak and read Papers at all Public Meetings, with the leave of the President.

24. That all objects intended for exhibition at any of the Society's Meetings be submitted to the President at least two days before, and that they be accompanied on exhibition with a written description.

25. That the Editing Committee consist of the President, the Secretary, and one Member or Associate to be elected by the Society.

26. That a certain number of Officers be told off to collect the Exhibitions.

27. That no change be made in these Rules unless proposed by a Member or Honorary Member, and carried by a majority of the votes of the Members present at a subsequent Meeting.

\* Those marked with an asterisk have been altered by the revising Committee.

# LIST OF THE SOCIETY.

## Officers.

PRESIDENT—REV. P. H. KEMPTHORNE.      VICE-PRESIDENT—REV. C. W. PENNY.  
SECRETARY—J. B. ATLAY.      TREASURER—W. WICKHAM.

## ALBUM KEEPERS.

BOTANICAL—H. HULEATT.      ENTOMOLOGICAL—H. I. LONGDEN.  
ZOOLOGICAL—L. BROOKE.      GEOLOGICAL—  
METEOROLOGICAL—A. S. PAGDEN.

## HONORARY MEMBERS.

REV. E. C. WICKHAM.	E. A. SPENCER, Esq.	W. A. RAIKES, Esq.
REV. A. CARR.	F. W. CAULFIELD, Esq.	REV. J. H. D. MATTHEWS.
A. F. GRIFFITH, Esq.	O. ILBERT, Esq.	REV. C. WOOD.
REV. S. N. TEBBS.	W. J. TOYE, Esq.	S. A. SAUNDER, Esq.
REV. E. DAVENPORT.	C. H. LANE, Esq.	P. WILLIAMS, Esq.
REV. J. B. SMITH.		

## CORRESPONDING MEMBERS.

### THE LORD BISHOP OF TRURO.

CANON TRISTRAM, D.D.	O. AIRY, Esq.	M. J. SLATER, Esq.
PROF. RUPERT JONES.	H. D. PENDER, Esq.	W. C. POLLARD, Esq.
B. E. HAMMOND, Esq.	H. TOTTENHAM, Esq.	G. C. ALLEN, Esq.
CAPT. COOPER-KING, F.G.S.	W. MOYLE, Esq.	S. BALL, Esq.
REV. H. HULEATT.	F. E. KITCHENER, Esq.	E. W. WILLETT, Esq.
H. W. EVE, Esq.	C. J. LAMBERT, Esq.	J. L. BEVIR, Esq.
REV. T. H. FREER.	E. H. C. SMITH, Esq.	

## MEMBERS.

C. F. TINDAL.	W. WICKHAM.	W. J. WILSON.
J. B. ATLAY.	R. B. ALLEN.	A. S. PAGDEN.
J. SINCLAIR.	J. H. BEVAN.	J. H. RENTON.
A. C. BOWRING.	A. HAWKINS.	SIR T. TROUBRIDGE.
E. B. EAGAR.	C. H. JONES.	R. G. STRACHEY.

## ASSOCIATES.

W. L. JONES.	L. BROOKE.	H. HULEATT.
H. HAVELOCK.	H. A. LOWNDS.	H. F. ATLAY.
W. E. CLIFTON.	G. SILLEM.	C. B. RUSSEL.
H. T. PINHEY.	V. M. GRANTHAM.	W. F. HINDE.
A. J. DOWELL.	C. P. SCUDAMORE.	N. WALTER.
S. M. RAMSAY L'AMY.	H. I. LONGDEN.	C. S. TALBOT.
D. J. MEDLEY.		

List of the Societies and Journals to whom  
Copies of the Report are sent.

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*WINCHESTER COLLEGE	...	N. H. S.
CHELTENHAM	„ ...	N. H. S.
*MARLBOROUGH	„ ...	N. H. S.
CLIFTON	„ ...	N. H. S.
*RUGBY SCHOOL	... ..	N. H. S.
DULWICH COLLEGE	... ..	N. S. S.
*EAST KENT	... ..	N. H. S.
*HAILEYBURY COLLEGE	... ..	N. S. S.
*BIRMINGHAM SCHOOL	... ..	N. H. S.
*U. S. GEOLOGICAL SURVEY.		
LINNÆAN SOCIETY.		
NATURE.		
SCIENCE GOSSIP.		
METEOROLOGICAL SOCIETY.		
GEOLOGICAL SURVEY OFFICE.		

\* Those marked with an asterisk exchange Reports with us.

# ACCOUNTS FOR 1876.

RECEIPTS.	£ s. d.	EXPENDITURE.	£ s. d.
Grant from the Master ...	... 5 0 0	To Bishop—Balance of Account for	10 1 9
Subscriptions :—		Printing Sixth Annual Report ...	12 6 12
Lent and Midsummer Term ...	... 4 1 6	To Negretti & Zambra—Balance of Act.	9 1
Michaelmas Term—Members and		Museum Expenses ...	7 11 5 1
Associates ...	17 6	Balance in hand ...	
Hon. Members ...	8 7 6		
"			
	<u>£18 6 6</u>		<u>£18 6 6</u>

W. WICKHAM, *Treasurer.*

## MINUTES OF MEETINGS.

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*Saturday, February 12th.*

The Rev. A. CARR gave an interesting account of his tour in Algeria, which he illustrated by numerous objects collected there.

Present, 70.

*Saturday, February 26th.*

This was the first meeting held in the new Lecture Theatre, and the Rev. A. IRVING gave an inaugural lecture on the subject of "Burning and Unburning." Owing to the limited amount of space admission took place by tickets only, and the great demand for them proved the popularity of the subject. Our best thanks are due to Mr. Irving for the care he bestowed on the preparation of the lecture, and also to Mr. Lewis for the able way in which he performed the experiments. A hearty vote of thanks was passed to both at the conclusion of the lecture.

Present, 115.

*Saturday, March 11th.*

<i>Exhibitions.</i>	<i>Exhibitors.</i>
1. Sea-Horses . . . . .	DAVIDSON ma.
2. Rock Salt from Berchtesgaden . . . . .	—
3. Part of a Chinese Necklace . . . . .	BUNNY.

The President read a paper on the work of the late C. F. Tyrerwhitt Drake (O.W.) in the East.

Present, 50.

At a private business meeting held afterwards the following elections were made:—

*Member* ... .. R. A. Edgell.

*Associates* ... .. Hon. J. W. Mansfield, G. Herbert.

*Botanical Secretary.* R. A. Edgell.



*Saturday, March 25th.*

In the absence of the President, the Rev. P. H. KEMPTHORNE presided.

S. BALL, Esq. (O.W.), gave a lecture on "Vegetarianism." Present, 80.

At a private business meeting afterwards, a lengthy discussion took place on the expediency of issuing reports for the future, many arguments, both *pro* and *con.*, being brought forward; but the question was postponed on the motion of the Secretary.

*Saturday, June 3rd.*

The Rev. A. IRVING took the chair in the absence of the President. The Rev. P. H. KEMPTHORNE read a paper on a visit paid by him to Vesuvius in 1873, which he illustrated by some well executed drawings and photographs.

*Saturday, July 1st.*

The weather-chart kept during the month of June was first passed round, and the Rev. A. IRVING then gave a lecture on the "Geology of the Thames Basin," which he illustrated by a collection of fossils from the different strata laid out on the table before him.

Present, 72.

*Saturday, July 15th.*

W. B. DAVIDSON gave a lecture on "Three Days' Geology."

At a private business meeting, the officers who were leaving resigned their places on the Committee, but owing to the lateness of the hour no elections were made.

*Saturday, October 28th.*

A private business meeting was held in the Lecture Theatre. The Rev. C. W. PENNY resigned his post as President of the Society, and the Rev. P. H. KEMPTHORNE was elected in his stead. J. B. Atlay was then elected Secretary, and W. Wickham, Treasurer. A vote of thanks to Mr. Penny, for the energetic way in which he had carried on the business of the Society during his term of office, was proposed by Atlay and carried.

*Tuesday, November 7th.*

A private business meeting was held, at which it was resolved that the existing code of rules should be revised, and a committee entrusted with their revision, the committee (with power to add to its number) to consist of the President, Secretary, and Treasurer, with four other members to be elected from the Society. The four members elected were F. H. Capron, A. Hawkins, J. H. Renton, A. S. Pagden, and H. Huleatt was added to this number.

*Saturday, November 11th.*

*Exhibitions.*

*Exhibitors.*

- |   |                    |
|---|--------------------|
| 1. The cocoon of an Indian insect .. ..                               | LOWNDS.            |
| 2. 1½-inch cube of the powder used for firing<br>the 81-ton gun .. .. | Rev. E. DAVENPORT. |

The President then read an interesting paper on the Victoria Cave, near Settle, in Yorkshire, illustrated by well executed plans and diagrams. The Rev. A. Carr proposed a vote of thanks, which was carried enthusiastically.

Present, 45.

A private business meeting was then held, at which the following gentlemen were elected Honorary Members:—The Rev. J. H. D. Matthews, the Rev. C. Wood, S. A. Saunder, Esq.

*Saturday, November 24th.*

A private business meeting was held after chapel, at which the Album-Keepers were elected as follows:—

A. S. Pagden ... ..	Meteorological.
H. Huleatt ... ..	Botanical.
H. I. Longden ... ..	Entomological.
L. Brooke ... ..	Zoological.

The following were elected Associates:—Bingham, Booth, Atlay mi.

The President then read out the new rules which the revising committee had drawn up, and they were passed without any opposition.

In accordance with Rule 4, the Society proceeded to elect a Vice-President, and it was unanimously resolved that the President should request the Rev. C. W. Penny to undertake the office.

*Saturday, December 9th.*

A meeting was held in the Lecture Theatre. There were no exhibitions. Captain C. COOPER-KING, F.G.S., gave a most interesting lecture on "Primitive Man," illustrated by a series of carefully executed designs, and numerous specimens from his own valuable collection.

The President then moved a vote of thanks to the lecturer, which was carried unanimously.

Present, 95.

*Saturday, May 13th,*

Was the first of the series of field days which had been arranged for this term. The party numbered in all 14, and was under the guidance of the Rev. A. IRVING. Going to Earley by train, they walked to Sonning, where lunch was procured at the "White Hart" Inn. The walk from Earley to Sonning, and from thence to Reading, afforded botanical members ample opportunities. The Coley brickfields, near Reading, were reached late in the afternoon; but the time remaining was quite inadequate for a thorough examination of the strata exposed here. Enough was seen of these beds (Chalk, Thanet sands, Woolwich and Reading beds), which are found at the junction of the tertiary and secondary rocks, to shew how much interesting work might be done by a party properly furnished with hammers. These excursions are open to all officers and Members of the Society, and to Associates in rotation.

*Thursday, June 8th,*

The Society made their second excursion, under the guidance of Prof. RUPERT JONES, who met the members at the Staff College. A visit was first paid to the model-room of the college, and some time was spent in the examination of geological specimens, etc., the chief object of interest being a contour map of the surrounding country. A walk from here of about a mile brought the party to Crawley Hill, which is now being intersected by a deep railway cutting, where a very fine section of the Upper

Bagshot Sands is obtained, the formation being capped by a portion of the Old Drift Gravels. Having studied this section carefully, together with the configuration of the surrounding country, the party returned to Yorktown, to partake of the hospitality of Prof. Rupert Jones, and thus concluded a very pleasant afternoon.



## BOTANICAL LIST.

## FLORA WELLINGTONENSIS.

The dates affixed to the plants indicate the dates when first discovered in flower. The initials refer to the following:—

C. W. P.	...	...	Rev. C. W. Penny.
P. H. K.	...	...	Rev. P. H. Kempthorne.
A. I.	...	...	Rev. A. Irving.
C. H. L.	...	...	C. H. Lane, Esq.

The numbers prefixed are those of the 7th edition of the London Catalogue.

## 1. RANUNCULACEÆ.

6.	<i>Thalictrum flavum</i> .	Banks of Blackwater	..	June 30th	..	C.W.P.
8.	<i>Anemone nemorosa</i> .	Ambarrow Wood	..	March 30th	..	C.W.P.
11.	<i>Myosurus minimus</i> .	Field in Finchampstead	..	May 28th	..	P.H.K.
13.	<i>Ranunculus fluitans</i> .	Bank of Thames	..	May 18th	..	C.W.P.
14.	" <i>peltatus</i> .	Everywhere. Ponds	..	May 6th	..	C.W.P.
21.	" <i>hederaceus</i> .	Ditches. Watery Lane	..	May 9th	..	C.W.P.
22.	" <i>sceleratus</i> .	Ditches. Finchampstead	..	Feb. 24th	..	C.W.P.
24.	" <i>flammula</i> .	Watery Lane	..	May 18th	..	C.H.L.
27.	" <i>auricomus</i> .	Farley Hill Woods	..	May 16th	..	C.W.P.
28.	" <i>acris</i> .	Everywhere	..	May 3rd	..	C.W.P.
29.	" <i>repens</i> .	Everywhere	..	May 5th	..	C.W.P.
30.	" <i>bulbosus</i> .	Everywhere	..	May 3rd	..	C.W.P.
31.	" <i>hirsutus</i> .	Brickfield. Roads to Ford and York Town	..	May 18th	..	C.W.P.
34.	" <i>arvensis</i> .	Rubbish Heap near Finchampstead	..			
35.	" <i>ficaria</i> .	Everywhere	..	Feb. 24th	..	C.W.P.
36.	<i>Caltha palustris</i> .	Blackwater and elsewhere	..	April 5th	..	C.W.P.

## 3. NYMPHÆACEÆ.

47.	<i>Nymphæa alba</i> .	Lakes in Staff College Grounds	..			
48.	<i>Nuphar lutea</i> .	The Blackwater	..	June 30th	..	C.W.P.

## 4. PAPAVERACEÆ.

51.	<i>Papaver rhæas</i> .	Fields in Sandhurst	..	June 3rd	..	C.W.P.
52.	" <i>dubium</i> .	Fields in Sandhurst	..	June 10th	..	C.W.P.
53.	" <i>argemone</i> .	Tangleys	..	June 3rd	..	C.W.P.
57.	<i>Chelidonium majus</i> .	Cottages under the Ridges	..	May 7th	..	C.W.P.

## 4\*. FUMARIACEÆ.

59. *Corydalis Claviculata*. Ambarrow Wood. Brook which runs into Watery Lane. Copse below Ridges. Finchampstead Woods .. .. May .. C.W.P.  
 64. *Fumaria officinalis*. Fields in Sandhurst, near Ford .. .. May 22nd .. C.W.P.

## 5. CRUCIFERÆ.

69. *Raphanus Raphanistrum*.  
 72. *Sinapis alba*.  
 73. " *nigra*.  
 78. *Brassica rapa*.  
 83. *Sisymbrium officinale*. Brickfield *et passim* .. .. C.H.L.  
 86. " *alliaria*. Hedges, *passim* .. May 7th .. C.W.P.  
 93. *Cardamine amara*. Ford .. .. May 27th .. C.W.P.  
 94. " *pratensis*. Ford *et passim* .. May 3rd .. C.W.P.  
 95. " *hirsuta*. Well. Coll. grounds *et passim* .. April 6th .. C.W.P.  
 98. *Arabis thaliana*. Finchampstead .. May 3rd .. C.W.P.  
 102. " *hirsuta*. Well. Coll. grounds .. May 10th .. C.W.P.  
 105. *Barbarea vulgaris*. Banks of Blackwater .. May 3rd .. C.W.P.  
 109. " *præcox*. Behind Gibson's .. ..  
 110. *Nasturtium officinale*. Ditches. Watery Lane May 4th .. C.W.P.  
 112. " *palustre*. Yateley .. ..  
 113. " *amphibium*. Yateley .. ..  
 118. *Draba verna*. Field below Gibson's *et passim* .. March 6th .. C.W.P.  
 124. *Alyssum calcinum*. Sandhurst. Railway. Near Finchampstead Church .. ..  
 128. *Thlaspi arvense*. Heath Woods. Brickfield .. ..  
 132. *Teesdalia nudicaulis*. Field under Ambarrow Lane by Long Down Lodge. Brickfield. New road to Wokingham .. .. May 6th .. C.W.P.  
 134. *Capsella Bursa-pastoris*. Fields everywhere .. March 6th .. C.W.P.  
 137. *Lepidium sativum*. Tangles. Finchampstead .. ..  
 138. " *campestre*. Bridle path near Finchampstead. Field below Brickfield. Railway Embankment .. .. June 8th .. C.W.P.

## 6. RESEDACEÆ.

145. *Reseda luteola*. Brickfield. Hog's Back .. June 10th .. C.W.P.

## 8. VIOLACEÆ.

151. *Viola palustris*. Marsh near Queen's Bridge. Grebe Pond. Broadmoor. Well. Coll. grounds. Ambarrow .. .. May 11th .. C.W.P.  
 152. " *odorata*. Ridges .. .. March 10th .. C.W.P.  
 154. " *hirta*. Guildford Downs .. ..  
 157. " *canina*. *Passim* .. .. April 5th .. C.W.P.  
 160. " *tricolor*. *Passim* .. .. March 6th .. C.W.P.

## 9. DROSERACEÆ.

163. *Drosera rotundifolia*. Everywhere .. June 7th .. C.H.L.  
 165. " *intermedia*. Everywhere .. June .. C.W.P.

## 10. POLYGALACEÆ.

166. *Polygala vulgaris*. Everywhere.. .. May 5th .. C.W.P.

## 12. CARYOPHYLLACEÆ.

178.	<i>Silene inflata</i> .	Railway Embankment .. ..	—	..	C.W.P.
181.	„ <i>anglica</i> .	Ambarrow Farm <i>et passim</i> .. ..	—	..	C.W.P.
185.	„ <i>nutans</i> .	Well. Coll. Cricket-ground .. ..	June 14th	..	C.W.P.
188.	<i>Lychnis vespertina</i> .	Behind Gibson's <i>et passim</i> .. ..	May 16th	..	C.H.L.
189.	„ <i>diurna</i> .	Everywhere .. ..	May 25th	..	C.W.P.
190.	„ <i>Flos-cuculi</i> .	Ambarrow Farm. Black-water Meadows .. ..	May 25th	..	C.W.P.
193.	„ <i>githago</i> .	Cornfields <i>passim</i> .. ..	June 2nd	..	C.W.P.
195.	<i>Mönchia erecta</i> .	Ridges .. ..	May 10th	..	C.W.P.
198.	<i>Cerastium semidecandrum</i> .	<i>Passim</i> .. ..	May 3rd	..	C.W.P.
199.	„ <i>glomeratum</i> .	<i>Passim</i> .. ..	May 6th	..	C.W.P.
200.	„ <i>triviale</i> .	<i>Passim</i> .. ..	March 6th	..	C.W.P.
203.	„ <i>arvense</i> .	New road to Wokingham .. ..	May 9th	..	C.W.P.
205.	<i>Stellaria aquatica</i> .	Blackwater .. ..	June 8th	..	C.W.P.
207.	„ <i>media</i> .	Everywhere .. ..	Feb. 22nd	..	C.W.P.
208.	„ <i>holostea</i> .	Everywhere .. ..	April 13th	..	C.W.P.
209.	„ <i>glauca</i> .	Yateley .. ..	—	..	C.W.P.
210.	„ <i>graminea</i> .	<i>Passim</i> .. ..	May 13th	..	C.W.P.
211.	„ <i>uliginosa</i> .	Well. Coll. Hotel ditch .. ..	April 29th	..	P.H.K.
212.	<i>Arenaria trinervis</i> .	Everywhere .. ..	May 5th	..	C.W.P.
213.	„ <i>serpyllifolia</i> .	Starve-all Farm. Brick-field .. ..	June 8th	..	C.W.P.
223.	<i>Sagina apetala</i> .	Finchampstead .. ..	June 7th	..	C.W.P.
225.	„ <i>procumbens</i> .	<i>Passim</i> .. ..	June 5th	..	C.H.L.
230.	<i>Spergula arvensis</i> .	Cultivated land, frequent .. ..	May 27th	..	C.W.P.
231.	<i>Spergularia rubra</i> .	Well. Coll. grounds <i>et passim</i> .. ..	May 9th	..	C.W.P.

## 12\*. ILLECEBRACEÆ.

240.	<i>Scleranthus annuus</i> .	Everywhere .. ..	May 6th	..	C.W.P.
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## 13. PORTULACCAEÆ.

242.	<i>Montia fontana</i> .	Watery Lane, <i>et passim</i> .. ..	May 6th	..	C.W.P.
244.	<i>Claytonia perfoliata</i> .	Yateley .. ..	May 9th	..	C.W.P.

## 16. HYPERICACEÆ.

250.	<i>Hypericum perforatum</i> .	Marsh below Brickfield .. ..	June 30th	..	C.W.P.
251.	„ <i>dubium</i> .	Blackwater .. ..	—	..	—
254.	„ <i>humifusum</i> .	Well. Coll. grounds .. ..	June 18th	..	C.W.P.
256.	„ <i>pulchrum</i> .	Marsh below Brickfield .. ..	July 6th	..	C.W.P.
258.	„ <i>montanum</i> .	Finchampstead Woods .. ..	—	..	—
259.	„ <i>elodes</i> .	Heath Pool. Marsh below Brickfield .. ..	June 29th	..	C.W.P.

## 17. MALVACEÆ.

260.	<i>Althea officinalis</i> .. ..	.. ..	June 15th	..	C.W.P.
262.	<i>Malva moschata</i> .	Finchampstead .. ..	July 5th	..	P.H.K.
263.	„ <i>sylvestris</i> .	Ambarrow .. ..	June 24th	..	C.W.P.
264.	„ <i>rotundifolia</i> .	Behind Gibson's .. ..	June 27th	..	C.W.P.

## 18. TILIACEÆ.

266.	<i>Tilia intermedia</i> .	Sandhurst churchyard .. ..	—	..	—
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## 19. LINACEÆ.

268.	<i>Radiola millegrana</i> .	Heath Pool .. ..	June 29th	..	C.W.P.
269.	<i>Linum catharticum</i> .	Starve-all Farm .. ..	June 10th	..	C.W.P.
272.	„ <i>usitatissimum</i> .	Brickfield .. ..	—	..	—

## 20. GERANIACEÆ.

274.	<i>Geranium phæum</i> .	Hog's Back .. ..	June 20th .. C.W.P.
276.	" <i>pratense</i> .	Banks of Thames .. ..	—
278.	" <i>molle</i> .	Behind Gibson's .. ..	May 6th .. C.W.P.
281.	" <i>dissectum</i> .	<i>Passim</i> .. ..	May 26th .. C.W.P.
284.	" <i>Robertianum</i> .	<i>Passim</i> .. ..	May 7th .. C.W.P.
285.	<i>Erodium cicutarium</i> .	Everywhere .. ..	May 6th .. C.W.P.
288.	<i>Oxalis acetosella</i> .	Woods near Finchampstead	March 31st .. C.W.P.

## 21. ILICACEÆ.

294.	<i>Ilex Aquifolium</i> .	Everywhere .. ..	— .. C.W.P.
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## 22. CELASTRACEÆ.

295.	<i>Euonymus Europæus</i> .	Road near Ford. Wood. Hog's Back .. ..	June 10th .. C.W.P.
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## 23. RHAMNACEÆ.

297.	<i>Rhamnus frangula</i> .	Cox's Wood .. ..	— .. C.W.P.
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## 24. SAPINDACEÆ.

298.	<i>Acer pseudo-platanus</i> .	Between Sandhurst and Blackwater .. ..	— .. C.W.P.
299.	" <i>campestre</i> .	<i>Passim</i> .. ..	— .. C.W.P.

## 25. LEGUMINIFERÆ.

300.	<i>Ulex Europæus</i> .	<i>Passim</i> .. ..	Feb. 2nd .. C.W.P.
302.	" <i>nanus</i> .	<i>Passim</i> .. ..	—
303.	<i>Genista anglica</i> .	" .. ..	May 3rd .. C.W.P.
305.	" <i>tinctoria</i> .	Frimley. Near Mr. Barford's	July 3rd .. C.W.P.
306.	<i>Sarothamnus scoparius</i> .	<i>Passim</i> .. ..	April 12th .. C.W.P.
310.	<i>Anthyllis vulneraria</i> .	Guildford Downs .. ..	July 12th .. C.W.P.
311.	<i>Medicago sativa</i> .	Cornfield between Yately and Eversley .. ..	—
318.	<i>Melilotus officinalis</i> .	Brickfield .. ..	—
319.	" <i>albu</i> .	Brickfield .. ..	March 28th .. C.W.P.
323.	<i>Trifolium pratense</i> .	Brickfield .. ..	May 16th .. C.W.P.
327.	" <i>incarnatum</i> .	Brickfield .. ..	June 8th .. C.W.P.
329.	" <i>arvense</i> .	Brickfield .. ..	May 16th .. C.H.L.
337.	" <i>repens</i> .	Brickfield .. ..	May 28th .. C.W.P.
339.	" <i>procumbens</i> .	Brickfield .. ..	May 10th .. C.H.L.
340.	" <i>minus</i> .	Brickfield .. ..	June 2nd .. C.H.L.
342.	<i>Lotus corniculatus</i> .	Everywhere .. ..	May 22nd .. C.W.P.
343.	" <i>tenuis</i> .	Well. Coll. grounds. Starve-all Farm .. ..	—
344.	" <i>major</i> .	Ditches, frequent .. ..	June 4th .. C.H.L.
352.	<i>Ornithopus perpusillus</i> .	Everywhere .. ..	May 10th .. C.H.L.
354.	<i>Hippocrepis comosa</i> .	Downs near Guildford .. ..	June 10th .. C.W.P.
355.	<i>Onobrychis sativa</i> .	Downs near Guildford .. ..	— .. C.W.P.
356.	<i>Vicia hirsuta</i> .	Well. Coll. Grounds. Brickfield	June 24th .. C.W.P.
357.	" <i>tetrasperma</i> .	Brickfield .. ..	June 24th .. C.W.P.
359.	" <i>cracca</i> .	Everywhere .. ..	June 23rd .. C.H.L.
362.	" <i>sepium</i> .	Hedges <i>passim</i> .. ..	May 18th .. C.W.P.
364.	" <i>sativa</i> .	Heath .. ..	May 16th .. C.H.L.
365.	" <i>angustifolia</i> .	" .. ..	— .. C.W.P.
368.	<i>Lathyrus aphaca</i> .	Near Shalford .. ..	June 22nd .. P.H.K.
371.	" <i>pratensis</i> .	<i>Passim</i> .. ..	June 15th .. C.W.P.
376.	<i>Orobis tuberosus</i> .	Finchampstead Wood .. ..	May 11th .. C.W.P.



## 26. ROSACEÆ.

378.	<i>Prunus spinosa</i> .	Everywhere .. ..	April 2nd ..	C.W.P.
	" <i>cerasus</i> .	Beeches .. ..	May 5th ..	C.W.P.
385.	<i>Spiræa ulmaria</i> .	Blackwater .. ..	June 30th ..	C.W.P.
386.	" <i>filipendula</i> .	Guildford Downs .. ..	— ..	C.W.P.
387.	<i>Agrimonia Eupatoria</i> .	Roadside .. ..	June 10th ..	C.W.P.
389.	<i>Sanguisorba officinalis</i> .	Blackwater Meadows ..	—	
390.	<i>Poterium sanguisorba</i> .	Well. Coll. grounds <i>passim</i> .. ..	July 2nd ..	P.H.K.
392.	<i>Alchemilla arvensis</i> .	Behind Gibson's .. ..	— ..	C.W.P.
397.	<i>Potentilla fragariastrum</i> .	<i>Passim</i> .. ..	March 10th ..	C.W.P.
400.	" <i>tormentilla</i> .	Everywhere .. ..	May 6th ..	C.W.P.
402.	" <i>reptans</i> .	<i>Passim</i> .. ..	May 27th ..	C.W.P.
403.	" <i>anserina</i> .	Everywhere .. ..	May 31st ..	C.W.P.
405.	" <i>argentea</i> .	Field beyond Heath Woods	—	
407.	<i>Comarum palustre</i> .	Heath Pool. Marsh near Queen's Bridge ..	— ..	C.W.P.
408.	<i>Fragaria vesca</i> .	Lock's Farm .. ..	May 6th ..	C.W.P.
410.	<i>Rubus idæus</i> .	Banks of stream between Railway Embankment and Watery Lane	June 8th ..	C.W.P.
420.	" <i>discolor</i> .	Everywhere .. ..	— ..	C.W.P.
454.	<i>Geum urbanum</i> .	<i>Passim</i> .. ..	May 25th ..	C.W.P.
468.	<i>Rosa canina</i> .	Finchampstead .. ..	June 12th ..	C.W.P.
470.	" <i>arvensis</i> .	Wood near the Ford .. ..	June 30th ..	C.W.P.
472.	<i>Cratægus oxyacantha</i> .	<i>Passim</i> .. ..	May 16th ..	C.H.L.
480.	<i>Pyrus aucuparia</i> .	Ridges .. ..	— ..	C.W.P.
482.	" <i>malus</i> .	Blackwater River. Ford and Mill	May 5th ..	C.W.P.

## 27. LYTHRACEÆ.

483.	<i>Lythrum salicaria</i> .	Blackwater River .. ..	— ..	C.W.P.
485.	<i>Peplis portula</i> .	Near Watery Lane .. ..	July 12th ..	C.W.P.

## 28. ONAGRACEÆ.

486.	<i>Epilobium angustifolium</i> .	Brickfields. Crow- thorne .. ..	July 2nd ..	C.W.P.
487.	" <i>hirsutum</i> .	Brickfields .. ..	— ..	C.W.P.
488.	" <i>parviflorum</i> .	Banks of Blackwater. Road to Station ..	— ..	C.W.P.
489.	" <i>montanum</i> .	Path to Station .. ..	June 12th ..	C.W.P.
492.	" <i>tetragonum</i> .	Brickfield .. ..	June 24th ..	C.W.P.
494.	" <i>palustre</i> .	Marsh near Queen's Bridge	July 6th ..	C.W.P.
501.	<i>Circæa lutetiana</i> .	Road to Blackwater .. ..	—	

## 28\*. HALORAGIACEÆ.

504.	<i>Myriophyllum spicatum</i> .	Pond, Yately Green	— ..	C.W.P.
507.	<i>Callitriche verna</i> .	Ditches near Blackwater ..	March 30th ..	C.W.P.

## 29. CUCURBITACEÆ.

513.	<i>Bryonia dioica</i> .	Behind Gibson's, &c. .. ..	June 8th ..	C.H.L.
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## 30. GROSSULARIACEÆ.

517.	<i>Ribes nigrum</i> .	Blackwater River .. ..	May 6th ..	C.W.P.
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## 31. CRASSULACEÆ.

520.	<i>Sedum Telephium</i> .	Fields near Yately and Eversley .. ..	—	
525.	" <i>acre</i> .	Brickfield. Sandhurst Churchyard	June 23rd ..	C.W.P.
527.	" <i>reflexum</i> .	New Wokingham Road ..	July 10th ..	C.W.P.

## 32. SAXIFRAGACEÆ.

540. *Saxifraga tridactylites*.  
 543. „ *granulata*. Brickfield. . . .  
 549. *Chyrosplenium oppositifolium*. Gate near  
 Beeches, Yately . . . . March 29th. . C.W.P.

## 33. UMBELLIFERÆ.

552. *Hydrocotyle vulgaris*. Everywhere . . . June 24th . . C.W.P.  
 554. *Sanicula Europæa*. Arborfield . . . May 16th . . C.W.P.  
 559. *Helosciadium nodiflorum*. Ditches, &c. . . — . . C.W.P.  
 560. „ *inundatum*. Ditches on the road  
 to Yately . . . . — . . C.W.P.  
 563. *Sison amomum*. Lock's Farm . . . . — . . C.W.P.  
 565. *Ægopodium podagraria*. Cottages, Sandhurst. . May 23rd . . C.W.P.  
 569. *Bunium flexuosum*. Passim . . . . May 22nd . . C.W.P.  
 570. *Pimpinella saxifraga*. Gomshall . . . . July 12th . . C.W.P.  
 573. *Sium angustifolium*. Grebe Pond . . . . July 10th . . C.W.P.  
 578. *Enanthe fistulosa*. Sandhurst . . . . July 1st . . P.H.K.  
 582. „ *crocata*. Finchampstead . . . . June 4th . . C.W.P.  
 583. „ *Phellandrium*. Ditches in fields near  
 Gothic Cottage . . . . —  
 585. *Æthusa cynapium*. Finchampstead . . . . — . . C.W.P.  
 592. *Angelica sylvestris*. Blackwater River . . . . — . . C.W.P.  
 596. *Pastinaca sativa*. Brickfield . . . . July 12th . . C.W.P.  
 597. *Heracleum sphondylium*. Passim . . . . May 25th . . C.W.P.  
 599. *Daucus carota*. Brickfield . . . . June 30th . . C.W.P.  
 602. *Torilis anthriscus*. Passim . . . . May 25th . . C.W.P.  
 604. *Chærophylum anthriscus*.  
 606. „ *sylvestre*. Finchampstead . . . . May 3rd . . C.W.P.  
 607. „ *temulum*. Roads, frequent . . . . June 30th . . C.W.P.  
 609. *Scandix Pecten-veneris*. Yately . . . . — . . C.W.P.  
 610. *Conium maculatum*. Hedges behind Sandhurst . . . . — . . C.W.P.

## 34. ARALIACEÆ.

614. *Hedera helix*. Finchampstead . . . . — . . C.W.P.

## 35. CORNACEÆ.

616. *Cornus sanguinea*. Eversley . . . . July 29th . . A.I.

## 37. CAPRIFOLIACEÆ.

618. *Adoxa moschatellina*. Blackwater River . . . March 4th . . C.W.P.  
 619. *Sambucus nigra*. Behind Gibson's . . . . — . . C.W.P.  
 621. *Viburnum opulus*. Blackwater River . . . . June 30th . . C.W.P.  
 624. *Lonicera periclymenum*. Passim . . . . June 24th . . C.H.L.

## 38. RUBIACEÆ.

629. *Galium cruciatum*. Near Lord Downshire's . . May 10th . . C.W.P.  
 630. „ *verum*. Well. Coll. grounds . . . . July 12th . . C.W.P.  
 631. „ *erectum*. Well. Coll. grounds . . . . —  
 632. „ *mollugo*. Brickfield . . . . May 11th . . C.H.L.  
 633. „ *saxatile*. Heath . . . . May 27th . . C.H.L.  
 635. „ *palustre*. Ditches . . . . June 29th . . C.W.P.  
 636. „ *uliginosum*. Ditches . . . . June 29th . . C.W.P.  
 639. „ *aparine*. Everywhere . . . . May 16th . . C.H.L.  
 641. *Asperula odorata*. Finchampstead . . . . May 8th . . C.W.P.  
 642. „ *cynanchica*. Guildford Downs . . . . July 12th . . C.W.P.  
 643. *Sherardia arvensis*. Everywhere . . . . May 17th . . C.W.P.

## 39. VALERIANACEÆ.

645.	<i>Valeriana dioica</i> .	Railway near Yately	..	May 27th	..	C.W.P.
646.	" <i>officinalis</i> .	Yately Mill	..	—	..	C.W.P.
648.	<i>Valerianella olitoria</i> .	Tangleys, &c.	..	June 6th	..	C.H.L.

## 40. DIPSACEÆ.

654.	<i>Scabiosa succisa</i> .	Everywhere	..	July 2nd	..	C.W.P.
656.	" <i>arvensis</i> .	Fields <i>passim</i>	..	July 12th	..	C.W.P.

## 41. COMPOSITÆ.

## A. CYNAROCEPHALÆ.

657.	<i>Onopordium acanthium</i> .	Guildford Downs	..	July 12th	..	C.W.P.
660.	<i>Carduus nutans</i> .					
662.	" <i>lanceolatus</i> .	Everywhere	..	June 20th	..	C.W.P.
664.	" <i>palustris</i> .	Heath-bogs <i>passim</i>	..	June 23rd	..	C.W.P.
665.	" <i>pratensis</i> .	Heath-bogs	..	June 6th	..	C.H.L.
668.	" <i>acaulis</i> .	Wokingham Road	..	July 12th	..	C.W.P.
669.	" <i>arvensis</i> .	Everywhere	..	June 30th	..	C.W.P.
	" <i>b. setosus</i> .	Brickfield	..	June 30th	..	C.W.P.
671.	<i>Carlina vulgaris</i> .	<i>Passim</i>	..	—		
672.	<i>Arctium majus</i> .	Bishop's Wood	..	June 30th	..	C.W.P.
677.	<i>Serratula tinctoria</i> .	Road to Cæsar's Camp	..	—		
678.	<i>Centaurea nigra</i> .	<i>Passim</i>	..	June 24th	..	C.H.L.
	" <i>b. decipiens</i> .					
679.	" <i>scabiosa</i> .	Brickfield	..	—		
680.	" <i>cyanus</i> .	Cornfields	..	—		

## B. CORYMBIFERÆ.

684.	<i>Chrysanthemum segetum</i> .	Everywhere	..	June 23rd	..	C.W.P.
685.	" <i>leucanthemum</i> .	Everywhere	..	May 27th	..	C.H.L.
686.	<i>Matricaria parthenium</i> .	Finchampstead	..	June 24th	..	C.W.P.
687.	" <i>inodora</i> .	Everywhere	..	June 30th	..	P.H.K.
688.	" <i>chamomilla</i> .	Everywhere	..	—		
689.	<i>Tanacetum vulgare</i> .	Blackwater River	..	—		
690.	<i>Anthemis cotula</i> .	Darby Green	..	—		
694.	<i>Achillea millefolium</i> .	Everywhere	..	June 20th	..	C.W.P.
695.	" <i>ptarmica</i> .	Below Brickfield	..	July 10th	..	C.W.P.
696.	<i>Artemisia absinthium</i>	..	..	July 23rd	..	C.W.P.
697.	" <i>vulgaris</i> .	Brickfield	..	—		
700.	<i>Filago germanica</i> .	<i>Passim</i>	..	—	..	C.W.P.
703.	" <i>minima</i> .	Everywhere	..	—	..	C.W.P.
705.	<i>Gnaphalium uliginosum</i> .	<i>Passim</i>	..	July 23rd	..	C.W.P.
707.	" <i>sylvaticum</i> .	<i>Passim</i>	..	—	..	C.W.P.
712.	<i>Senecio vulgaris</i> .	Everywhere	..	Feb. 22nd	..	C.W.P.
713.	" <i>sylvaticus</i> .	Heaths	..	June 6th	..	C.W.P.
717.	" <i>Jacobæa</i> .	Field beyond Ambarrow.				
	"	Finchampstead	..	June 29th	..	C.W.P.
718.	" <i>aquaticus</i> .	Ditch near Gothic Cottage	..	June 30th	..	C.W.P.
725.	<i>Bidens cernua</i> .	Ditches, Yately	..	Sept. 16th	..	C.W.P.
729.	<i>Inula conyza</i> .	Henniken's Lodge	..	—	..	C.W.P.
732.	" <i>dysenterica</i> .	Well. Coll. Brickfield	..	—	..	C.W.P.
733.	" <i>pulicaria</i> .	Darby Green	..	—	..	C.W.P.
734.	<i>Bellis perennis</i> .	Everywhere	..	Feb. 26th	..	C.W.P.
736.	<i>Erigeron acris</i> .	Brickfields, &c.	..	Sept. 18th	..	C.W.P.
740.	<i>Solidago virga-aurea</i> .	<i>Passim</i>	..	Sept. 5th	..	C.W.P.
741.	<i>Tussilago farfara</i> .	Brickfields, &c.	..	March 4th	..	C.W.P.
743.	<i>Eupatorium cannabinum</i> .	Blackwater River	..	—	..	C.W.P.

## C. LIGULIFLOREÆ.

744.	<i>Cichorium intybus</i> .	Station <i>passim</i>	..	..	—	..	C.W.P.
745.	<i>Lapsana communis</i> .	Hedges	..	..	June 24th	..	C.H.L.
748.	<i>Hypochaeris radicata</i> .	"	..	..	May 28th	..	C.W.P.
750.	<i>Leontodon hirtus</i> .	<i>Passim</i>	..	..	—	..	—
751.	<i>Leontodon hispidus</i> .	Brickfield	..	..	June 10th	..	C.W.P.
752.	<i>Leontodon autumnalis</i> .	<i>Passim</i>	..	..	—	..	—
753.	<i>Picris hieracoides</i> .	<i>Passim</i>	..	..	—	..	—
755.	<i>Tragopogon pratensis</i> .	Railway. Finchampstead	..	..	—	..	C.W.P.
756.	" <i>porrifolius</i> .	Railway. Yateley	..	..	—	..	C.W.P.
757.	<i>Taraxacum officinale</i> .	Everywhere	..	..	Feb. 24th	..	C.W.P.
761.	<i>Lactuca muralis</i> .	Finchampstead. Yately	..	..	July 3rd	..	C.W.P.
763.	<i>Sonchus oleraceus</i> .	Finchampstead	..	..	June 24th	..	C.H.L.
764.	" <i>asper</i> .	Brickfield	..	..	—	..	C.W.P.
765.	" <i>arvensis</i> .	Behind Gibson's	..	..	July 10th	..	C.W.P.
770.	<i>Crepis virens</i> .	<i>Passim</i>	..	..	June 10th	..	C.W.P.
773.	" <i>paludosa</i> .	Finchampstead	..	..	—	..	—
774.	<i>Hieracium pilosella</i> .	Everywhere	..	..	May 22nd	..	C.W.P.
799.	" <i>vulgatum</i> .	Finchampstead	..	..	June 24th	..	C.H.L.
805.	" <i>umbellatum</i> .	Brickfield	..	..	Sept. 11th	..	C.W.P.

## 42. CAMPANULACEÆ.

811.	<i>Jasione montana</i> .	Railway cutting, <i>passim</i>	..	..	—	..	C.W.P.
815.	<i>Campanula trachelium</i> .	Guildford. Godalming.	..	..	—	..	—
		Gomshall	..	..	July 10th	..	C.W.P.
817.	" <i>rapunculoides</i> .	Brickfield, rare	..	..	—	..	—
818.	" <i>rotundifolia</i> .	<i>Passim</i>	..	..	July 6th	..	C.W.P.

## 43. ERICACEÆ.

827.	<i>Vaccinium myrtillus</i> .	Heath Woods	..	..	May 9th	..	C.W.P.
836.	<i>Erica tetralix</i> .	Everywhere	..	..	June 2nd	..	C.W.P.
837.	" <i>cinerea</i> .	Everywhere	..	..	May 28th	..	C.W.P.
840.	<i>Calluna vulgaris</i> .	Everywhere	..	..	—	..	C.W.P.

## 44. JASMINACEÆ.

847.	<i>Frazinus excelsior</i> .	Swinley Park, &c.	..	..	—	..	C.W.P.
848.	<i>Ligustrum vulgare</i> .	Road to Ridges	..	..	June 24th	..	C.H.L.

## 45. APOCYNACEÆ.

850.	<i>Vinca minor</i> .	Road between Wokingham and Easthampstead	..	..	—	..	—
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## 46. GENTIANACEÆ.

853.	<i>Erythraea centaurium</i> .	<i>Passim</i>	..	..	—	..	C.W.P.
863.	<i>Menyanthes trifoliata</i> .	Heath Pool	..	..	—	..	C.W.P.

## 48. CONVOLVULACEÆ.

866.	<i>Convolvulus arvensis</i> .	Finchampstead	..	..	June 26th	..	C.W.P.
867.	" <i>sepium</i> .	<i>Passim</i>	..	..	July 12th	..	C.W.P.
871.	<i>Cuscuta epithymum</i> .	Brickfield	..	..	June 24th	..	C.H.L.
872.	" <i>trifolii</i> .	Ambarrow	..	..	—	..	—

## 49. SOLANACEÆ.

873.	<i>Solanum dulcamara</i> .	Finchampstead	..	..	June 8th	..	C.H.L.
874.	" <i>nigrum</i> .	Brickfield. St. Sebastian's	..	..	Sept. 8th	..	C.W.P.
876.	<i>Hyoscyamus niger</i> .	Finchampstead	..	..	—	..	—

## 50. SCROPHULARIACEÆ.

877.	<i>Verbascum Thapsus.</i>	<i>Passim</i>	.. ..	July 16th	.. C.W.P.
880.	" <i>nigrum.</i>	Below Ridges	.. ..	—	.. C.W.P.
884.	<i>Scrophularia balbisii.</i>	Blackwater River	.. ..	June 24th	.. C.W.P.
886.	" <i>nodosa.</i>	Blackwater River	.. ..	June 24th	.. C.H.L.
889.	<i>Digitalis purpurea.</i>	<i>Passim</i>	.. ..	—	.. C.W.P.
891.	<i>Antirrhinum orontium.</i>	Finchampstead	.. ..	July 24th	.. C.W.P.
892.	<i>Linaria cymbalaria.</i>	Mr. Airy's garden	.. ..	—	..
893.	" <i>elatine.</i>	St. Sebastian's	.. ..	—	..
896.	" <i>repens.</i>	Starve-all Farm	.. ..	—	.. C.W.P.
897.	" <i>vulgaris.</i>	Everywhere	.. ..	—	.. C.W.P.
898.	" <i>minor.</i>	Brickfield and Station	.. ..	June 30th	.. C.W.P.
902.	<i>Veronica hederifolia.</i>	Ambarrow <i>et passim</i>	.. ..	March 6th	.. C.W.P.
904.	" <i>agrestis.</i>	<i>Passim</i>	.. ..	March 6th	.. C.W.P.
908.	" <i>arvensis.</i>	Finchampstead	.. ..	March 28th	.. C.W.P.
909.	" <i>serpyllifolia.</i>	Behind Gibson's	.. ..	April 13th	.. C.W.P.
913.	" <i>spicata.</i>	Brickfield, an outcast	.. ..	—	..
915.	" <i>officinalis.</i>	<i>Passim</i>	.. ..	June 8th	.. C.H.L.
916.	" <i>chamædrys.</i>	Everywhere	.. ..	May 3rd	.. C.W.P.
918.	" <i>scutellata.</i>	Yately	.. ..	—	.. C.W.P.
919.	" <i>anagallis.</i>	Thames	.. ..	—	.. C.W.P.
920.	" <i>beccabunga.</i>	Ditches everywhere	.. ..	May 9th	.. C.H.L.
921.	<i>Euphrasia officinalis.</i>	Well. Coll. grounds	.. ..	Sept. 8th	.. C.W.P.
922.	<i>Bartsia odontites.</i>	Brickfields	.. ..	—	..
925.	<i>Pedicularis palustris.</i>	Brickfield. Grebe Pond	.. ..	—	..
926.	" <i>sylvatica.</i>	Everywhere	.. ..	May 29th	.. C.H.L.
927.	<i>Rhinanthus crista-galli.</i>	Brickfield	.. ..	May 31st	.. C.W.P.
930.	<i>Melampyrum pratense.</i>	Wood near Ford	.. ..	June 3rd	.. C.H.L.

## 51. OROBANCHACEÆ.

940.	<i>Orobanche hederæ.</i>				
941.	" <i>minor.</i>	Brickfields, &c.	.. ..	July 16th	.. C.W.P.

## 52. VERBENACEÆ.

942.	<i>Verbena officinalis.</i>	<i>Passim</i>	.. ..	July 12th	.. C.W.P.
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## 53. LABIATÆ.

943.	<i>Lycopus Europæus.</i>	Ambarrow. Ditches	.. ..	July 3rd	.. C.W.P.
952.	<i>Mentha sativa.</i>	Ditches everywhere	.. ..	—	..
959.	<i>Thymus serpyllum.</i>	Road up Ridges	.. ..	—	..
961.	<i>Origanum vulgare.</i>	Ridges	.. ..	—	..
962.	<i>Calamintha clinopodium.</i>	Gomshall	.. ..	July 12th	.. C.W.P.
963.	" <i>acinos.</i>	Starve-all Farm	.. ..	—	.. C.W.P.
968.	<i>Nepeta cataria.</i>	Near Silent Pool, Guildford Downs	.. ..	—	..
969.	" <i>glechoma.</i>	Everywhere	.. ..	April 5th	.. C.W.P.
972.	<i>Prunella vulgaris.</i>	Finchampstead	.. ..	June 24th	.. C.H.L.
973.	<i>Scutellaria galericulata.</i>	Blackwater	.. ..	June 30th	.. C.W.P.
974.	" <i>minor.</i>	Corner of lane from Edgebarrow to R.M.C., and Marsh to Queen's Bridge <i>et passim</i>	.. ..	July 2nd	.. C.W.P.
976.	<i>Marrubium vulgare.</i>	Yately Common	.. ..	—	..
977.	<i>Ballota nigra.</i>	Finchampstead	.. ..	July 6th	.. C.W.P.
978.	<i>Stachys betonica.</i>	Ford Wood	.. ..	—	.. C.W.P.
980.	" <i>palustris.</i>	<i>Passim</i>	.. ..	Sept. 13th	.. C.W.P.
982.	" <i>sylvatica.</i>	Everywhere	.. ..	June 15th	.. C.W.P.
983.	" <i>arvensis.</i>	St. Sebastian's. Finchampstead	.. ..	—	..

984.	<i>Galeopsis ladanum</i> .	Cornfields .. ..	—	
987.	" <i>tetrahit</i> .	Passim .. ..	—	.. C.W.P.
989.	<i>Lanum amplexicaule</i> .	Ambarrow. Tangleys ..	May 27th ..	P.H.K.
992.	" <i>purpureum</i> .	Everywhere .. ..	March 6th ..	C.W.P.
994.	" <i>album</i> .	Everywhere .. ..	March 6th ..	C.W.P.
995.	" <i>galeobdolon</i> .	Passim .. ..	—	.. C.W.P.
996.	<i>Ajuga reptans</i> .	Watery Lane, &c. ..	May 6th ..	C.W.P.
1002.	<i>Teucrium scorodonia</i> .	Passim .. ..	July 9th ..	C.W.P.

## 54. BORAGINACEÆ.

1003.	<i>Echium vulgare</i> .	Behind Gibson's .. ..	June 18th ..	C.W.P.
1009.	<i>Lithospermum officinale</i> .			
1010.	" <i>arvense</i> .	Finchampstead .. ..	—	
1012.	<i>Myosotis palustris</i> .	Everywhere .. ..	May 27th ..	C.W.P.
1016.	" <i>arvensis</i> .	Everywhere .. ..	May 8th ..	C.W.P.
1017.	" <i>collina</i> .	Finchampstead .. ..	May 5th ..	C.W.P.
1018.	" <i>versicolor</i> .	Behind Gibson's .. ..	May 5th ..	C.W.P.
1025.	<i>Cynoglossum officinale</i> .	Hog's Back .. ..	June 10th ..	C.W.P.

## 55. PINGUICULACEÆ.

1084.	<i>Utricularia minor</i> .	Aldershot .. ..	—	
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## 56. PRIMULACEÆ.

1036.	<i>Hottonia palustris</i> .	Frimley .. ..	—	
1037.	<i>Primula vulgaris</i> .	Everywhere .. ..	Feb. 24th ..	C.W.P.
1038.	" <i>officinalis</i> .	Wokingham .. ..	May 2nd ..	C.W.P.
1045.	<i>Lysimachia vulgaris</i> .	Watery Lane .. ..	—	.. C.W.P.
1047.	" <i>nummularia</i> .	Watery Lane .. ..	June 30th ..	C.W.P.
1048.	" <i>nemorum</i> .	Lane by Ford .. ..	May 27th ..	C.W.P.
1049.	<i>Anagallis arvensis</i> .	Finchampstead .. ..	June 8th ..	C.W.P.
1051.	" <i>tenella</i> .	Heath Pool. Bog below Brickfield .. ..	July 6th ..	C.W.P.

## 58. PLANTAGINACEÆ.

1061.	<i>Plantago major</i> .	Road to Station .. ..	—	
1062.	" <i>media</i> .	Wokingham Road .. ..	May 17th ..	C.H.L.
1063.	" <i>lanceolata</i> .	Everywhere .. ..	May 5th ..	C.W.P.
1065.	" <i>lacustris</i> .	Lady Feversham's Lodge	June 4th ..	P.H.K.

## 61. CHENOPODIACEÆ.

1073.	<i>Chenopodium polyspermum</i> .			
1075.	" <i>album</i> .	Everywhere .. ..	—	.. C.W.P.
1080.	" <i>rubrum</i> .			
1083.	" <i>bonus Henricus</i> .	Passim .. ..	—	
1090.	<i>Atriplex Babingtonii</i> .			

## 62. POLYGONACEÆ.

1099.	<i>Rumex obtusifolius</i> .	Everywhere .. ..	—	.. C.W.P.
1102.	" <i>crispus</i> .	Everywhere .. ..	May 25th ..	C.W.P.
1104.	" <i>hydrolapathum</i> .	Blackwater .. ..	—	
1107.	" <i>acetosa</i> .	Everywhere .. ..	May 6th ..	C.W.P.
1108.	" <i>acetosella</i> .	Brickfield et passim ..	May 6th ..	C.W.P.
1111.	<i>Polygonum convolvulus</i> .	Brickfield .. ..	June 30th ..	C.W.P.
1113.	" <i>ariculare</i> .	Everywhere .. ..	June 18th ..	C.W.P.
1116.	" <i>hydropiper</i> .	Passim .. ..	July 23rd ..	C.W.P.
1119.	" <i>Persicaria</i> .	Everywhere .. ..	June 30th ..	C.W.P.

1120. *Polygonum lapathifolium*. Ambarrow farm .. Sept. 13th .. C.W.P.  
 1122. " *amphibium*. Thames .. ..  
 1123. " *bistorta*. Blackwater meadows .. ..

## 64. THYMELACEÆ.

1127. *Daphne laureola*. Hog's back .. .. June 10th .. C.W.P.

## 68. EUPHORBIACEÆ.

1132. *Buxus sempervirens*. Guildford Downs .. ..  
 1134. *Euphorbia helioscopia*. Passim .. .. May 27th .. C.W.P.  
 1138. " *amygdaloides*. Finchampstead .. May 8th .. C.W.P.  
 1140. " *cyparissias*. Road to Yatley .. ..  
 1143. " *peplus*. Post Office, Sandhurst .. .. C.W.P.  
 1144. " *exigua*. Cornfields, Tangleys .. .. C.W.P.  
 1146. *Mercurialis perennis*. Everywhere .. .. Feb. 24th .. C.W.P.

## 71. URTICACEÆ.

1149. *Parietaria diffusa*. Sandhurst .. ..  
 1150. *Urtica dioica*. Everywhere .. .. May 23rd .. C.W.P.  
 1152. " *urens*. Passim .. .. May 27th .. C.W.P.  
 1153. *Humulus lupulus*. Ford Wood .. .. C.W.P.  
 1154. *Ulmus suberosa*. Yatley .. .. May 5th .. C.W.P.

## 72. AMENTIFERÆ.

1156. *Quercus robur*. Gibson's Wood, &c. .. ..  
 1157. *Castanea vulgaris*. Passim .. .. June 29th .. C.W.P.  
 1158. *Fagus sylvatica*. " .. ..  
 1159. *Corylus avellana*. " .. .. Jan. 31st .. C.W.P.  
 1160. *Carpinus betulus*. Heath Pool .. .. May 5th .. C.W.P.  
 1161. *Alnus glutinosa*. Passim .. .. March 6th .. C.W.P.  
 1162. *Betula alba*. " .. .. April 24th .. C.W.P.  
 1164. *Myrica gale*. Broadmoor Bottom .. .. June 6th .. C.W.P.  
 1167. *Populus tremula*. Finchampstead .. .. March 4th .. C.W.P.  
 1168. " *nigra*. Behind Sandhurst Lodge .. .. April 5th .. C.W.P.  
 1185. *Salix caprea*. Brickfield et passim .. .. C.W.P.  
 1190. " *repens*. Heath Pool, " .. .. May 7th .. C.W.P.

## 73. CONIFERÆ.

1199. *Pinus sylvestris*. Passim .. .. May 16th .. C.H.L.  
 1201. *Juniperus communis*. Guildford Downs .. ..  
 1203. *Taxus bacchata*.

## 74. "TYPHACEÆ.

1204. *Typha latifolia*. Between Wellington College and Blackwater Stations .. ..  
 1206. *Sparganium ramosum*. Blackwater River .. June 30th .. C.W.P.  
 1207. " *simplex*. Heath Pool .. ..

## 75. ARACEÆ.

1211. *Arum maculatum*. Everywhere .. .. May 8th .. C.H.L.

## 77. NAIADACEÆ.

1218. *Potamogeton natans*. Heath Pool, passim .. .. C.W.P.

## 78. ALISMACEÆ.

1252. *Sagittaria sagittifolia*. Thames .. ..  
 1253. *Alisma plantago*. Everywhere .. .. May 16th .. C.H.L.  
 1257. *Butomus umbellatus*. Thames .. ..

## 79. HYDROCHARIDACEÆ.

1260. *Elodia canadensis*. Blackwater River .. — .. C.W.P.

## 80. ORCHIDACEÆ.

1261. *Aceras anthropophora*. Hog's Back. Well.  
Coll. grounds .. .. June 10th .. C.W.P.  
1268. *Orchis morio*. Meadows near Gothic Cottage May 6th .. C.W.P.  
1269. „ *mascula*. Ambarrow Farm .. May 16th .. C.H.L.  
1272. „ *latifolia*. Marsh below Brickfield .. —  
1273. „ *maculata*. Everywhere .. .. June 6th .. C.H.L.  
1277. *Habenaria bifolia*. Heath Pool .. .. June 11th .. C.W.P.  
1289. *Listera ovata*. Blackwater Banks. Railway  
Station .. .. June 10th .. C.W.P.  
1291. *Epipactis latifolia*. Railway Embankment .. —

## 81. IRIDACEÆ.

1303. *Sisyrinchium Bermudiana*. Well. Coll. grounds,  
one plant in 1874 .. .. —  
1307. *Iris pseudacorus*. Blackwater River .. .. June 19th .. C.H.L.

## 82. AMARYLLIDACEÆ.

1311. *Narcissus pseudo-Narcissus*. Ambarrow Wood.  
Arborfield .. .. March 18th.. C.W.P.  
1314. *Leucojum aestivum*. Thames and Loddon .. May 18th .. C.W.P.

## 83. DIOSCORACEÆ.

1317. *Tamus communis*. Finchampstead .. .. July 4th .. C.W.P.

## 84. LILIACEÆ.

1321. *Polygonatum multiflorum*. Finchampstead .. — .. C.W.P.  
1325. *Ruscus aculeatus*. Behind Gibson's .. .. — .. C.W.P.  
1336. *Scilla nutans*. Passim .. .. May 3rd .. C.W.P.  
1348. *Narthecium ossifragum*. Passim .. .. June 6th .. C.H.L.

## 86. JUNCACEÆ.

1353. *Luzula pilosa*. Ambarrow Wood .. .. May 25th .. C.W.P.  
1355. „ *campestris*. Finchampstead .. .. April 6th .. C.W.P.  
1356. „ *multiflora*. Everywhere .. .. May 3rd .. C.W.P.  
1365. *Juncus conglomeratus*. Passim.. .. May 25th .. C.W.P.  
1366. „ *effusus*. Passim .. .. — .. C.W.P.  
1372. „ *acutiflorus*. Heath Pool.. .. June 6th .. C.H.L.  
1373. „ *lamprocarpus*. Passim .. .. June 5th .. C.W.P.  
1374. „ *supinus*. Ditches on Starve-all Farm.. —  
1377. „ *bufonius*. Ditch near Watery Lane .. June 5th .. C.W.P.  
1380. „ *squarrosus*. Everywhere .. .. May 3rd .. C.W.P.

## 87. CYPERACEÆ.

1386. *Rhynchospora alba*. Heath Bogs .. .. — .. C.W.P.  
1390. *Scirpus palustris*. Yately Common .. .. — .. C.W.P.  
1394. „ *cespitosus*. Everywhere .. .. May 18th .. C.W.P.  
1396. „ *fluitans*. Grebe Pond .. .. — .. C.W.P.  
1406. „ *sylvaticus*. Blackwater .. .. July 3rd .. C.W.P.  
1409. *Eriophorum angustifolium*. Everywhere .. May 11th .. C.W.P.  
1423. *Carex paniculata*. Marsh below Brickfields .. —  
1427. „ *stellulata*. Well. Coll. Lake .. .. June 3rd .. C.W.P.  
1428. „ *remota*. Heath Woods .. .. May 25th .. C.W.P.  
1433. „ *curta* .. .. June 7th .. C.W.P.  
1442. „ *vulgaris* .. ..  
1443. „ *glauca*. Well. Coll. Lake .. .. June 8th .. C.W.P.



1454. *Carex pallescens*. Passim .. ..  
 1465. „ *distans*. Passim .. .. June 20th .. C.W.P.  
 1471. „ *filiformis*.  
 1473. „ *pseudo-cyperus*.  
 1475. „ *riparia*.

## 88. GRAMINA.

1488. *Anthoxanthum odoratum* .. .. May 6th .. C.W.P.  
 1489. *Digraphis arundinacea*. Passim .. ..  
 1490. *Phalaris canariensis*. Brickfield .. ..  
 1491. *Alopecurus agrestis* .. .. June 5th .. C.W.P.  
 1493. „ *geniculatus* .. .. May 3rd .. C.W.P.  
 1495. „ *pratensis* .. .. May 20th .. C.W.P.  
 1498. *Phleum pratense*.  
 1524. *Aira caryophyllaea* .. .. C.W.P.  
 1525. „ *præcox*.  
 1526. *Avena flavescens*. Well. Coll. grounds .. ..  
 1529. „ *strigosa*. Pine Woods. Passim .. ..  
 1532. *Holcus mollis*. Passim .. .. June 7th .. C.W.P.  
 1533. „ *lanatus*. Passim .. .. June 5th .. C.W.P.  
 1534. *Triodia decumbens*. Heath Pool .. .. June 24th .. C.H.L.  
 1538. *Melica uniflora*. Finchampstead .. ..  
 1540. *Glyceria fluitans*. Yately Common .. ..  
 1544. *Schlerochloa distans*. Finchampstead .. ..  
 1547. „ *rigida*. Passim .. ..  
 1549. *Poa annua*. Passim .. .. May 6th .. C.W.P.  
 1560. *Brisa media*. Well. Coll. grounds .. .. June 8th .. C.W.P.  
 1562. *Cynosurus cretatus*. Well. Coll. grounds .. ..  
 1564. *Dactylis glomerata*. Well. Coll. grounds .. ..  
 1570. *a. Festuca duriuscula*. Well. Coll. grounds .. ..  
 1575. *Bromus asper*. Passim .. ..  
 1583. „ *mollis*. Passim .. .. June 6th .. C.H.L.  
 1599. *Hordeum murinum*. Brickfield .. .. June 18th .. C.W.P.  
 1601. *Nardus stricta*. Passim .. .. June 6th .. C.H.L.

## 89. FILICES.

1606. *Pteris aquilina*. Woods, common .. ..  
 1608. *Lomaria spicant*. Woods, common .. .. May 5th .. C.W.P.  
 1612. *Asplenium trichomanes*. Well. Coll. grounds .. ..  
 1616. „ *adiantum-nigrum*. Heath Pool .. ..  
 1617. *Athyrium Filix-femina*. Ford near Gothic Cottage .. ..  
 1620. *Scolopendrium vulgare*. R.M.C. grounds, rare .. ..  
 1629. *Nephrodium Filix-mas*. Woods, passim .. .. May 16th .. C.W.P.  
 1634. „ *dilatatum*. Woods, passim .. .. May 25th .. C.W.P.  
 1638. *Polypodium vulgare*. Everywhere .. ..  
 1644. *Osmunda regalis*. Woods, almost extinct .. .. May 25th .. C.W.P.  
 1645. *Ophioglossum vulgatum*. Field near Railway .. .. May 10th .. C.W.P.  
 1647. *Botrychium lunaria*. Well. Coll. grounds .. ..

## 91. MARSILEACEÆ.

1657. *Pilularia globulifera*. York Town .. .. C.W.P.

## 92. EQUISETACEÆ.

1658. *Equisetum arvense*. Passim .. .. May 27th .. C.H.L.  
 1661. „ *sylvaticum*. Brickfield near Railway .. ..  
 1662. „ *palustre*. Brickfield .. .. C.W.P.



